

- (d) Circuit or Trunks. Identification of the circuit or trunk pertaining to the log entry.
 - (e) GMT Time of event or action.
 - (f) Operator Initials. Initials of the individual making the entry.
 - (g) Action/Event. Narrative explanation of the action or event. Sufficiently detailed information will be entered to fully explain the situation.
 - (h) Destruction. All station logs will be held for 1 year before destruction.
- (3) History Folders. History folders will be maintained on all circuits and trunks of the Simpson System by each station. The folders will contain the following as a minimum and will be maintained for the life of the circuit or trunk:
- (a) Copy of all circuit orders and/or TSOs and completion reports (in-effect, delayed service or exception).
 - (b) Inside station cable ties.
 - (c) Cross-connect record.
 - (d) Inside station equipment.

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ANNEX B TO THE
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

COMMUNICATIONS PRACTICES AND PROCEDURES

1. Purpose. The purpose of this annex is to establish standard communications practices and procedures for the handling of defense communications record traffic between the common user messages based networks of the DISCON and the USDCS GIG DMS.
2. Requirement. A requirement exists to increase the flexibility in the processing of defense record communications traffic over the communications systems of the ASDCS and the USGIG, covering South East Asia, Pacific Ocean area, Continental United States and Australia. This requirement involves the following criteria:
 - a. Traffic Volume. Approximately 4000 record messages per day each direction between the two systems. It is anticipated that this volume may increase to 6000 record messages per day in each direction during exercises and/or contingencies.
 - b. Length of Messages. Normally about 120 groups.
 - c. Precedence of Messages. All precedence included in ACP 121 will be processed. These include Flash, Immediate, Priority, and Routine.
 - d. Classification of Messages. Classified traffic up to and including SECRET will be transferred on-line where proper security equipment is available.
 - e. Speed of Service. In accordance with precedence (see ACP 121).
 - f. Exercise. Utilization of the transfer circuits in the normal processing of day-to-day traffic should provide satisfactory indication of its reliability. Exercise of the transfer circuit by special exercise messages is not necessary.
 - g. Message Content. Third party traffic will not be introduced unless specifically arranged on a case-by-case basis. Traffic introduced by either Participant will be considered authorized by the other, and third party considerations in these circumstances are not relevant.

- h. Message Format. Message formats will be as prescribed by ACP 127 unless otherwise authorized by mutual understanding between the Participants. Service message text format and general service message response procedures will be as specified by ACP 127. The ACP 128 US Supp-1 will be used to interpret certain received service messages.
- i. Keying Material. Appropriate communications security equipment keying material will be provided on a recurring basis by the responsible issuing authority of the United States.

3. Responsibilities and Coordination:

- a. Operations. The Government of the United States and Government of Australia telecommunications facilities, identified in the appendices to this annex, will be operated in compliance with the terms of this MOU.
- b. Traffic Constraints. Supervisors of US and AS telecommunications facilities identified in the appendices to this annex will inform each other should MINIMIZE message conditions be imposed which might affect the processing of traffic under this MOU. Neither US nor AS facilities will refuse to accept traffic from the other as a means of simulating actual failures during exercises.
- c. Official Messages. It will be the responsibility of either Participant introducing messages into the other Participant's network to limit such traffic to official messages authorized within the terms of this MOU.

4. Message Processing:

- a. Routing. The routing of messages transferred from one network to the other will be in accordance with the message routing doctrine of the receiving network.
- b. Control. DNSA has responsibility for technical arrangements for the interfaces and will collaborate with DISA through CDR DISA-PAC in discharging this responsibility. Local control of DISCON traffic entering the DMS will be implemented by the connected National Gateway Center (NGC). DMS traffic entering the DISCON will be under the local control of the DISCON communications center managing the connected interface station.
- c. Publications. The following publications will be used in the processing of traffic to be exchanged under terms of this MOU:
 - (1) ACP 121 Communications Instructions - General.

- (2) ACP 117 Allied Routing Indicator Book.
- (3) ACP 127 Communications Instructions – Tape Relay Procedures.
- (4) ACP 131 Communications Instructions - Operating Signals.
- (5) ACP 122 Communications Instructions - Security.
- (6) ACP 128 US Supp-1 – Allied Telecommunications Record System (ALTERS) Operating Procedures.
- (7) Message Switch Out (MSOUT) Australian Capital Territory (ACT) Plan.

d. Impaired Conditions. The following procedures will apply in the event of impairment and/or loss of traffic processing capabilities:

- (1) Failure or isolation of the Fort Detrick NGC or Transmission Media Impairment or Outage. The RPLAN (Annex E) will be implemented for impairment or extended outage..
- (2) Failure or isolation of DISCON switching center (DSC/ACT). MSOUT Plan will be implemented.
- (3) In case of failure traffic destined for transfer between the DMS and DISCON will be held in the respective networks until operational capabilities are restored unless both AS and US, as well as the UK, agree on traffic altroute via Boddington UK

5. Applicability. The practices and procedures set forth in this annex apply to the US and the AS message originators as well as their telecommunications facilities processing messages under the terms of this MOU.

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APPENDIX 1 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

NGC DETRICK - DISCON INTERFACE OPERATING PROCEDURES

1. Purpose. To specify the operational features of the interface between the NGC at Ft Detrick, MD, and the DISCON at Canberra, AS, that are essential to the efficient transfer of record message traffic.
2. Introduction. This appendix is an integral part of Annex B and supplements that annex by stating the technical characteristics and resource responsibilities pertaining to the US-AS interface.
3. Technical Characteristics. The technical characteristics of this interface are listed in Enclosure 1.
4. Resource Responsibilities. Responsibilities for the resources required to establish this interface is as shown in Enclosure 2.
5. Duration. This appendix is effective for the same period of time as the basic MOU of which it is a part and is subject to the same modification provisions as set forth in that MOU.

Enclosures:

1. Technical Characteristics
2. Resource Responsibilities

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ENCLOSURE 1 TO
APPENDIX 1 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

**TECHNICAL CHARACTERISTICS OF NGC DETRICK - DISCE ACT
INTERFACE**

<u>CIRCUIT CONNECTIVITY POINT</u>	<u>NGC DETRICK</u>	<u>DISCE ACT</u>
Circuit Identification	SNBK	Same as US
Circuit Speed	2400 baud	Same as US
Communications Mode	Mode I	Mode I
Net Control Station Traffic	NGC Detrick	NGC Detrick
Alternate Traffic Route	261P	261P
Message Format	ACP 127	Same as US
Precedence (Highest)	Flash	Same as US
Security level (Highest)	SECRET	Same as US
Special Handling Designators	None	None
Terminal Equipment Termination	Message Switch	DISCON
COMSEC Equipment	KG84	KG84

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ENCLOSURE 2 TO
APPENDIX 1 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

**RESOURCE RESPONSIBILITIES FOR NGC DETRICK – DISCE ACT
INTERFACE**

<u>RESOURCE</u>		<u>AT DETRICK</u>	<u>AT CANBERRA</u>
1.	Prepare Site	US	AS
2.	Provide and install equipment		
	(a) Terminal	US	AS
	(b) COMSEC	US	AS
	(c) Mode I Interface	US	AS
3.	Provide and Maintain Interconnect Circuit	US	AS
4.	Operate and Maintain Equipment		
	(a) Terminal	US	AS
	(b) COMSEC	US	AS
	(c) Interface Device	US	AS
5.	Logistic Support		
	(a) Terminal Equipment	US	AS
	(b) COMSEC Equipment	US	AS
	(c) Interface Device	US	AS

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APPENDIX 2 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

NGC DETRICK – DISCON INTERFACE OPERATING PROCEDURES

1. Purpose. To specify the operational features of the interface between the NGC at Ft Detrick, MD, and the DISCON at Canberra, AS, that are essential to the efficient transfer of record message traffic.
2. Introduction. This appendix is an integral part of Annex B and supplements that annex by stating the technical characteristics and resource responsibilities pertaining to the US-AS interface.
3. Technical Characteristics. The technical characteristics of this interface are listed in Enclosure 1.
4. Resource Responsibilities. Responsibilities for the resources required to establish this interface is as shown in Enclosure 2.
5. Duration. This appendix is effective for the same period of time as the basic MOU of which it is a part and is subject to the same modification provisions as set forth in that MOU.

Enclosures:

1. Technical Characteristics
2. Resource Responsibilities

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ENCLOSURE 1 TO
APPENDIX 2 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

**TECHNICAL CHARACTERISTICS OF NGC DETRICK - DSC ACT
INTERFACE**

<u>CIRCUIT CONNECTIVITY POINT</u>	<u>NGC DETRICK</u>	<u>DSC ACT</u>
Circuit Identification	261P	Same as US
Circuit Speed	2400 baud	Same as US
Communications Mode	Mode I	Mode I
Net Control Station Traffic	NGC Detrick	NGC Detrick
Alternate Traffic Route	SNBK	SNBK
Message Format	ACP 127	Same as US
Precedence (Highest)	Flash	Same as US
Security Level (Highest)	SECRET	Same as US
Special Handling Designators	None	None
Terminal Equipment Termination	Message Switch	DISCON
COMSEC Equipment	KG84	KG84

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ENCLOSURE 2 TO
APPENDIX 2 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

**RESOURCE RESPONSIBILITIES FOR NGC DETRICK – DISCE ACT
INTERFACE**

<u>RESOURCE</u>	<u>AT DETRICK</u>	<u>AT CANBERRA</u>
1 Prepare Site	US	AS
2 Provide and Install Equipment		
(a) Terminal	US	AS
(b) COMSEC	US	AS
(c) Mode I Interface	US	AS
3 Provide and Maintain Interconnect Circuit	US	AS
4 Operate and Maintain Equipment		
(a) Terminal	US	AS
(b) COMSEC	US	AS
(c) Interface Device	US	AS
5 Logistic Support		
(c) Terminal Equipment	US	AS
(d) COMSEC Equipment	US	AS
(c) Interface Device	US	AS

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APPENDIX 3 TO
ANNEX B TO
US/AS MOU CONCERNING
DEFENSE COMMUNICATIONS SERVICES

**RESOURCE RESPONSIBILITY AND TECHNICAL CHARACTERISTICS
AUSTRALIAN EMBASSY – PENTAGON NGC TTY CIRCUIT**

1. Purpose. This appendix is an integral part of Annex B and supplements that annex by stating the resource responsibilities and technical characteristics pertaining to the Australian embassy to Pentagon landline circuit.
2. Resource Responsibilities. Each Participant is responsible for the resources required at their respective terminal to maintain these circuits. Australia is responsible for the acquisition of the paths. The United States is responsible for the COMSEC maintenance at both end terminals.
3. Technical Characteristics. The technical characteristics of this interface are listed in Enclosures 1 and 2 to this appendix.
4. Duration. This appendix is effective for the same period of time as the basic MOU of which it is a part and is subject to the same modification provisions as set forth in that MOU.

Enclosures:

1. Technical Characteristics
2. Resource Responsibilities

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